Nuclear Instruments and Methods in Physics Research A 349 (1994) 628–644
North-Holland

NUCLEAR
INSTRUMENTS
& METHODS
IN PHYSICS
RESEARCH
Section A

Author index

Abrami, A., D. Alfè, S. Antonini, M. Bernardini, M. Bertolo, C.J. Bocchetta, D. Bulfone, F. Cargnello, F. Darclon, S. Di Fonzo, S. Fontana, A. Galimberti, M. Giannini, W. Jark, A. Massarotti, F. Mazzolini, M. Puglisi, R. Richter, A. Rindi, R. Rosei, C. Rubbia, D. Tommasini, A. Savoia, G. Viani, R.P. Walker, A. Wrulich, C. Coluzza, T. dell'Orto, F. Gozzo, G. Margaritondo, G. De Stasio, P. Perfetti, M. Gentili, M.T. Ciotti, D. Mercanti and L. Fonda, First experimental tests at the new synchrotron radiation facility ELETTRA in Trieste 349 (1994) 609
Adeva, B., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Adye, T.J., A. Augustinus, M. Dönszelmann, T. Rovelli, R.L. Sekulin and G.R. Smith, The design and operation of the slow controls for the DELPHI experiment at LEP 349 (1994) 160
Agnetta, G., see T&T collaboration, ... 349 (1994) 237
Ahmad, S., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Ajaltouni, Z., see Ariztizabal, F. 349 (1994) 384
Ajmani, K., see Lone, M.A. 349 (1994) 563
Alber, T., V. Eckardt, H. Fessler, S. Schönfelder and P. Seyboth, A study of argon, neon and helium based gas mixtures for improving the spatial resolution in time projection chambers 349 (1994) 56
Alexander, J.M., see Gelderloos, C.J. 349 (1994) 618
Alfè, D., see Abrami, A. 349 (1994) 609
Alyea, E.D., see Chang, Y.H. 349 (1994) 47
Ambrosio, M., see T&T collaboration, ... 349 (1994) 237
Amorim, A., see Ariztizabal, F. 349 (1994) 384
Anassontzis, E.G., P. Ioannou, Chr. Kourkoumelis, L.K. Resvanis and H. Bradner, Light transmissivity in the NESTOR site 349 (1994) 242
Angelini, F., R. Bellazzini, A. Brez, M.M. Massai, R. Raffo, G. Spandre, M. Spezziga and M. Bozzo, Further test and development of the micro-gap chamber 349 (1994) 412
Anselmo, F., F. Block, L. Cifarelli, C. D'Ambrosio, T. Gys, G. La Commare, H. Leutz, M. Marino and S. Qian, Track reconstruction with a central two-shell scintillating fibre tracker (SFT) 349 (1994) 398
Antinori, F., see CERN RD19 collaboration, ... 349 (1994) 138
Antonini, S., see Abrami, A. 349 (1994) 609
Arena, V., see T&T collaboration, ... 349 (1994) 237
Ariztizabal, F., M. Bosman, M. Cavalli-Sforza, I. Efthymiopoulos, C. Padilla, F. Teubert, R. Arsenescu, C. Blag, V. Boldea, S. Dita, Z. Ajaltouni, F. Badaud, N. Bouhemaid, P. Brette, M. Brossard, R. Chadelas, J.-C. Chevaleyre, M. Crouau, F. Daudon, J.-J. Dugne, B. Michel, G. Montarou, G.S. Muanza, D. Pallin, S. Poirot, L.-P. Says, F. Vazeille, O. Gildemeister, A. Henriques, J. Ivarsson, M. Nessi, L. Poggioli, P. Sonderegger, A. Amorim, P. Ferreira, A. Gomes, A. Maio, L. Peralta, M. David, M. Kostrikov, M. Kulagin, V. Lapin, Y. Protopopov, A. Solodkov, A. Zaitsev, R. Leitner, M. Suk, P. Tas, L. Caloba, M. Gaspar, F. Marroquin, A. Pereira, J.M. Seixas, Z. Thome and H. Hakopian, Construction and performance of an iron–scintillator hadron calorimeter with longitudinal tile configuration 349 (1994) 384
Arnold, R., see CERN RD19 collaboration, ... 349 (1994) 138
Arsenescu, R., see Ariztizabal, F. 349 (1994) 384
Artzner, G., see Zhou, J.W. 349 (1994) 225
Arvidson, A., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Augustinus, A., see Adye, T.J. 349 (1994) 160
Avdeichikov, V.V., L. Bergholt, M. Guttormsen, J.E. Taylor, L. Westerberg, B. Jakobsson, W. Klamra and Yu.A. Murin, Light output and energy resolution of CsI, YAG, GSO, BGO and LSO scintillators for light ions 349 (1994) 216
Awes, T.C., see Kampert, K.-H. 349 (1994) 81

Badaud, F., see Ariztizabal, F. 349 (1994) 384
Badelek, B., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Bahri, A., see Lemonnier, M. 349 (1994) 274

0168-9002/94/$07.00 © 1994 – Elsevier Science B.V. All rights reserved

Ballintijn, M.K., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Ban, S., see Namito, Y. 349 (1994) 489
Barakat, M., Y. Chen, S. Conrad, M. Cooper, M. Dzemidzic, J.A. Flick, C. Gagliardi, E.V. Hungerford, K. Johnston, G.J. Kim, K. Lan, F. Liu, Y.C. Lu, B.W. Mayes, R. Mischke, R. Phelps, L.S. Pinsky, D. Semon, R.E. Tribble, L.G. Tang, X.L. Tu, L. van Ausdeln, W. Von Witsch, H.Z. Wang, X. Yao and W. Yi, Construction of the MEGA photon detector 349 (1994) 118
Barbarino, G.C., see T&T collaboration, ... 349 (1994) 237
Barberis, D., see CERN RD19 collaboration, ... 349 (1994) 138
Bardin, G., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Barlow, R., The longitudinal coordinate from "Double Diamond" tapered cathode pad readout (*Letter to the Editor*) 349 (1994) 277
Bartol, F., see Lemonnier, M. 349 (1994) 274
Batchelder, J.C., see Moltz, D.M. 349 (1994) 210
Bauch, J., see Ullrich, H.-J. 349 (1994) 269
Baum, G., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Beker, H., see CERN RD19 collaboration, ... 349 (1994) 138
Bellazzini, R., see Angelini, F. 349 (1994) 412
Benary, O., W. Cleland, H. Cunitz, I. Ferguson, A. Gordeev, H. Gordon, E. Kistenev, P. Kroon, M. Leltchouk, D. Lissauer, H. Ma, D. Makowiecki, A. Maslennikov, S. McCorkle, D. Onoprienko, A. Onuchin, Y. Oren, V. Panin, J.A. Parsons, V. Radeka, D. Rahm, L. Rogers, S. Rescia, J. Rutherfoord, M. Seman, W. Sippach, M. Smith, J. Sondericker III, U. Sonnadara, R. Steiner, D. Stephani, E. Stern, I. Stumer, H. Takai, H. Themann, Y. Tikhonov and W.J. Willis, Liquid ionization calorimetry with time-sampled signals 349 (1994) 367
Berger, F., see Kampert, K.-H. 349 (1994) 81
Bergholt, L., see Avdeichikov, V.V. 349 (1994) 216
Berglund, P., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Berheide, M., see Piel, N. 349 (1994) 18
Bernardini, M., see Abrami, A. 349 (1994) 609
Berridge, S., see Chang, Y.H. 349 (1994) 47
Bertolo, M., see Abrami, A. 349 (1994) 609
Betev, L., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Beusch, W., see CERN RD19 collaboration, ... 349 (1994) 138
Bhat, C.L., see Tickoo, A.K. 349 (1994) 600
Bini, C., D. De Pedis, G. De Zorzi, G. Diambrini-Palazzi, G. Di Cosimo, A. Di Domenico, P. Gauzzi and D. Zanello, Fast luminosity monitor at LEP 349 (1994) 27
Bird, D., S. Corbató, H.Y. Dai, J.W. Elbert, M. Kidd, D. Kieda, E.C. Loh, P. Sokolsky, P. Sommers, J.K. Tang, S.B. Thomas, L. Wiencke and Q. Zhu, The calibration of the absolute sensitivity of photomultiplier tubes in the High Resolution Fly's Eye Detector 349 (1994) 592
Bird, I.G., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Birsa, R., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Björkholm, P., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Blackburn, D.H., see Stone, C.A. 349 (1994) 515
Blag, C., see Ariztizabal, F. 349 (1994) 384
Block, F., see Anselmo, F. 349 (1994) 398
Bobin, J.L., On an interferometric method for the diagnostic of small bunches in e^+e^- colliders 349 (1994) 310
Bocchetta, C.J., see Abrami, A. 349 (1994) 609
Bock, D., see Kampert, K.-H. 349 (1994) 81
Bohne, E.-M., see Kampert, K.-H. 349 (1994) 81
Bohne, W., see Pausch, G. 349 (1994) 281
Boissevain, J., see Fields, D.E. 349 (1994) 431
Boldea, V., see Ariztizabal, F. 349 (1994) 384
Bonner, B.E., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Bootsma, T.M.V., A. van den Brink, A.P. de Haas, R. Kamermans, P.G. Kuijer, C.T.A.M. de Laat, G.J. van Nieuwenhuizen, R. Ostendorf, R.J.M. Snellings, C.J.W. Twenhöfel and A. Péghaire, A time projection chamber with microstrip read-out 349 (1994) 204
Bordessoule, M., see Lemonnier, M. 349 (1994) 274
Bosman, M., see Ariztizabal, F. 349 (1994) 384
Bouhemaid, N., see Ariztizabal, F. 349 (1994) 384
Boutemeur, M., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Bower, C.R., M.W. Gebhard, R.M. Heinz, J.A. Musser, J.J. Pitts, J.L. Miller and S.L. Mufson, The performance of a position sensitive wire chamber in the presence of a magnetic field 349 (1994) 37

Bowman, J.D., D. Fitzgerald, M.J. Leitch, J. Ouyang, S. Høibråten, R.J. Peterson, D.L. Prout and M.E. Sadler, Performance of a sampling grid scintillator . . . 349 (1994) 32
Bozzo, M., see Angelini, F. . . . 349 (1994) 412
Bradamante, F., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Bradner, H., see Anassontzis, E.G. . . . 349 (1994) 242
Brawn, I.P., R.E. Carney, U. Dickow, E. Eisenhandler, N. Ellis, J. Garvey, C.N.P. Gee, A.R. Gillman, R. Hatley, M. Landon, V. Perera, S. Quinton, R.J. Staley and A.T. Watson, Beam tests of a prototype level-1 calorimeter trigger for LHC experiments . . . 349 (1994) 356
Bressan, A., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Brette, P., see Ariztizabal, F. . . . 349 (1994) 384
Brez, A., see Angelini, F. . . . 349 (1994) 412
Brossard, M., see Ariztizabal, F. . . . 349 (1994) 384
Brüll, A., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Buchanan, J., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Bueno, C.C., see Gonçalves, J.A.C. . . . 349 (1994) 418
Bugg, W., see Chang, Y.H. . . . 349 (1994) 47
Bulfone, D., see Abrami, A. . . . 349 (1994) 609
Bültmann, S., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Bunce, G., see Wu, J. . . . 349 (1994) 183
Buontempo, S., A. Capone, A.G. Cocco, D. De Pedis, E. Di Capua, U. Dore, A. Ereditato, M. Ferroni, G. Fiorillo, P.F. Loverre, C. Luppi, D. Macina, F. Marchetti-Stasi, M.A. Mazzoni, P. Migliozzi, V. Palladino, G. Piredda, F. Riccardi, S. Ricciardi, P. Righini, B. Saitta, R. Santacesaria, P. Strolin and P. Zucchelli, Construction and test of calorimeter modules for the CHORUS experiment . . . 349 (1994) 70
Burger, P., see CERN RD19 collaboration, . . . 349 (1994) 138
Burke, R., see Fields, D.E. . . . 349 (1994) 431
Burtin, E., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Buyanov, O.V., R. Chipaux, A.A. Fyodorov, V.A. Kachanov, V.Yu. Khodyrev, M.V. Korzhik, J.L. Faure, J.P. Peigneux, M. Poulet, Yu.D. Prokoshkin, P. Rebourgeard, V.V. Rykalin, P.M. Shagin, P.A. Semenov, A.V. Singovsky and V.L. Solovianov, A first electromagnetic calorimeter prototype of $PbWO_4$ crystals . . . 349 (1994) 62
Byrne, J., P.G. Dawber and S.R. Lee, A new method for determining the electron-antineutrino angular correlation coefficient *a* in neutron beta decay from the spectrum of recoil protons stored in a charged particle trap . . . 349 (1994) 454

Cabral, J.A.C., see Varandas, C.A.F. . . . 349 (1994) 547
Caloba, L., see Ariztizabal, F. . . . 349 (1994) 384
Campbell, M., see CERN RD19 collaboration, . . . 349 (1994) 138
Canali, C., see Nava, F. . . . 349 (1994) 156
Capone, A., see Buontempo, S. . . . 349 (1994) 70
Cardarelli, R., see Chang, Y.H. . . . 349 (1994) 47
Cargnello, F., see Abrami, A. . . . 349 (1994) 609
Carlson, P., T. Francke, S. Löfgren, N. Weber and M. Suffert, Results from beam tests of the CAPRICE RICH detector . . . 349 (1994) 577
Carney, R.E., see Brawn, I.P. . . . 349 (1994) 356
Carvalho, B.B., see Varandas, C.A.F. . . . 349 (1994) 547
Castaldini, A., see Nava, F. . . . 349 (1994) 156
Catalano, O., see T&T collaboration, . . . 349 (1994) 237
Catanesi, M.G., see CERN RD19 collaboration, . . . 349 (1994) 138
Cavalli-Sforza, M., see Ariztizabal, F. . . . 349 (1994) 384
Cavallini, A., see Nava, F. . . . 349 (1994) 156
Cavata, C., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
CERN RD19 collaboration, E.H.M. Heijne, F. Antinori, R. Arnold, D. Barberis, H. Beker, W. Beusch, P. Burger, M. Campbell, M.G. Catanesi, E. Chesi, G. Darbo, C. Da Via, D. Di Bari, S. Di Liberto, D. Elia, C.C. Enz, M. Glaser, J.L. Guyonnet, T. Gys, H. Helstrup, J. Heuser, R. Hurst, A. Jacholkowski, P. Jarron, S. Kersten, F. Krummenacher, R. Leitner, F. Lemeilleur, V. Lenti, M. Letheren, M. Lokajicek, L. Lopez, M. Lo Vetere, G. Maggi, P. Martinengo, G. Meddeler, F. Meddi, A. Menetrey, P. Middelkamp, M. Morando, A. Munns, P. Musico, C. Neyer, M. Pallavicini, F. Pellegrini, F. Pengg, S. Pospisil, E. Quercigh, J. Ridky, L. Rossi, K. Safarik, G. Segato, S. Simone, P. Tempesta, H. Verweij, G.M. Viertel and V. Vrba, First operation of a 72 k element hybrid silicon micropattern pixel detector array . . . 349 (1994) 138
Cerny, J., see Moltz, D.M. . . . 349 (1994) 210

Cetronio, A., see Nava, F. . . . 349 (1994) 156
Chadelas, R., see Ariztizabal, F. . . . 349 (1994) 384
Chang, Y.H., D. Chen, E.S. Hafen, P. Haridas, I.A. Pless, J. Tomasi, M. Widgoff, E.D. Alyea, R. Santonico, R. Cardarelli, S. Berridge, W. Bugg and P.Y.C. Du, A study of meter size RPCs for large area detectors 349 (1994) 47
Chemarin, M., P. Depasse, J. Fay, M. Felcini, L. Fredj, B. Ille, F. Nessi-Tedaldi and G.F. Susinno, Test beam results for an upgraded forward tagger of the L3 experiment at LEP II 349 (1994) 345
Chen, C.-e., see Wang, Q. . . . 349 (1994) 299
Chen, D., see Chang, Y.H. . . . 349 (1994) 47
Chen, J.P., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Chen, Y., see Barakat, M. . . . 349 (1994) 118
Chen, Y., see Wang, Q. . . . 349 (1994) 299
Cheng, L., see Jiaxiang, H. . . . 349 (1994) 495
Chepel, V.Y., M.I. Lopes, R. Ferreira Marques and A.J.P.L. Policarpo, Purification of liquid xenon and impurity monitoring for a PET detector 349 (1994) 500
Chesi, E., see CERN RD19 collaboration, . . . 349 (1994) 138
Chevaleyre, J.-C., see Ariztizabal, F. . . . 349 (1994) 384
Chipaux, R., see Buyanov, O.V. . . . 349 (1994) 62
Cifarelli, L., see Anselmo, F. . . . 349 (1994) 398
Ciotti, M.T., see Abrami, A. . . . 349 (1994) 609
Claussen, A., see Kampert, K.-H. . . . 349 (1994) 81
Cleland, W., see Benary, O. . . . 349 (1994) 367
Clement, J., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Clocchiatti, M., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Cocco, A.G., see Buontempo, S. . . . 349 (1994) 70
Coluzza, C., see Abrami, A. . . . 349 (1994) 609
Conrad, S., see Barakat, M. . . . 349 (1994) 118
Cooper, M., see Barakat, M. . . . 349 (1994) 118
Corbató, S., see Bird, D. . . . 349 (1994) 592
Corcoran, M.D., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Coron, N., see Zhou, J.W. . . . 349 (1994) 225
Correia, C., see Varandas, C.A.F. . . . 349 (1994) 547
Crabb, D., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Cranmer, D.C., see Stone, C.A. . . . 349 (1994) 515
Cranshaw, J., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Crouau, M., see Ariztizabal, F. . . . 349 (1994) 384
Çuhadar, T., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Cunitz, H., see Benary, O. . . . 349 (1994) 367
Czirr, J.B. and G.L. Jensen, A compact neutron coincidence spectrometer, its measured response functions and potential applications 349 (1994) 532

Dabrowski, W., P. Grybos, M. Krammer, H. Pernegger and D. Rakoczy, Charge division in silicon strip detectors with a large strip pitch 349 (1994) 424
Dai, H.Y., see Bird, D. . . . 349 (1994) 592
Dalla Torre, S., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
D'Ambrosio, C., see Anselmo, F. . . . 349 (1994) 398
Danshin, S., A. Kopylov and V. Yants, Small gas proportional counters filled with an Ar–CO_2 mixture for counting of ultra-low activities of ^{37}Ar 349 (1994) 466
Darbo, G., see CERN RD19 collaboration, . . . 349 (1994) 138
Darclon, F., see Abrami, A. . . . 349 (1994) 609
Dartyge, E., see Giles, C. . . . 349 (1994) 622
Daudon, F., see Ariztizabal, F. . . . 349 (1994) 384
D'Auria, S., see Nava, F. . . . 349 (1994) 156
Dauvergne, F., see Gabriel, A. . . . 349 (1994) 461
Da Via, C., see CERN RD19 collaboration, . . . 349 (1994) 138
David, M., see Ariztizabal, F. . . . 349 (1994) 384
Dawber, P.G., see Byrne, J. . . . 349 (1994) 454
Day, D., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
De Bergevin, F., see Giles, C. . . . 349 (1994) 622
De Botton, N., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
De Haas, A.P., see Bootsma, T.M.V. . . . 349 (1994) 204

De Jong, M., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
De Laat, C.T.A.M., see Bootsma, T.M.V. . . . 349 (1994) 204
De Lesquen, A., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Dell'Orto, T., see Abrami, A. . . . 349 (1994) 609
Del Papa, C., see Nava, F. . . . 349 (1994) 156
De Marcillac, P., see Zhou, J.W. . . . 349 (1994) 225
Depasse, P., see Chemarin, M. . . . 349 (1994) 345
De Pedis, D., see Bini, C. . . . 349 (1994) 27
De Pedis, D., see Buontempo, S. . . . 349 (1994) 70
De S. Santos, M.D., see Gonçalves, J.A.C. . . . 349 (1994) 418
De Stasio, G., see Abrami, A. . . . 349 (1994) 609
De Winter, A.R., see v.d. Berg, F.D. . . . 349 (1994) 438
De Zorzi, G., see Bini, C. . . . 349 (1994) 27
Dhawan, S., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Diambrini-Palazzi, G., see Bini, C. . . . 349 (1994) 27
Di Bari, D., see CERN RD19 collaboration, . . . 349 (1994) 138
Di Capua, E., see Buontempo, S. . . . 349 (1994) 70
Dickow, U., see Brawn, I.P. . . . 349 (1994) 356
Di Cosimo, G., see Bini, C. . . . 349 (1994) 27
Di Domenico, A., see Bini, C. . . . 349 (1994) 27
Di Fonzo, S., see Abrami, A. . . . 349 (1994) 609
Di Liberto, S., see CERN RD19 collaboration, . . . 349 (1994) 138
Dita, S., see Ariztizabal, F. . . . 349 (1994) 384
Dönszelmann, M., see Adye, T.J. . . . 349 (1994) 160
Dore, U., see Buontempo, S. . . . 349 (1994) 70
Doyle, B.L., see Wampler, W.R. . . . 349 (1994) 473
Dressler, P., see Gauthier, Ch. . . . 349 (1994) 258
Du, P.Y.C., see Chang, Y.H. . . . 349 (1994) 47
Dubbers, D., The transmission of a lossy curved supermirror neutron guide . . . 349 (1994) 302
Dugne, J.-J., see Ariztizabal, F. . . . 349 (1994) 384
Dulya, C., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Dutrieue, B., see v.d. Berg, F.D. . . . 349 (1994) 438
Dyring, A., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Dzemidzic, M., see Barakat, M. . . . 349 (1994) 118

Eades, J., see Müller, W. . . . 349 (1994) 307
Eckardt, V., see Alber, T. . . . 349 (1994) 56
Efthymiopoulos, I., see Ariztizabal, F. . . . 349 (1994) 384
Eichblatt, S., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Eisenhandler, E., see Brawn, I.P. . . . 349 (1994) 356
Elbert, J.W., see Bird, D. . . . 349 (1994) 592
Elia, D., see CERN RD19 collaboration, . . . 349 (1994) 138
Elleaume, P., see Gauthier, Ch. . . . 349 (1994) 258
Ellis, N., see Brawn, I.P. . . . 349 (1994) 356
Enz, C.C., see CERN RD19 collaboration, . . . 349 (1994) 138
Ereditato, A., see Buontempo, S. . . . 349 (1994) 70

Faivre, J.C., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Fasching, D., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Faure, J.L., see Buyanov, O.V. . . . 349 (1994) 62
Fay, J., see Chemarin, M. . . . 349 (1994) 345
Feinstein, F., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Feite, S., see Gauthier, Ch. . . . 349 (1994) 258
Felcini, M., see Chemarin, M. . . . 349 (1994) 345
Ferguson, I., see Benary, O. . . . 349 (1994) 367
Fernandes, H., see Varandas, C.A.F. . . . 349 (1994) 547
Fernandez, C., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Ferreira, P., see Ariztizabal, F. . . . 349 (1994) 384
Ferreira Marques, R., see Chepel, V.Y. . . . 349 (1994) 500

Ferroni, M., see Buontempo, S. . . . 349 (1994) 70
Fessler, H., see Alber, T. . . . 349 (1994) 56
Fields, D.E., H. van Hecke, J. Boissevain, B.V. Jacak, W.E. Sondheim, J.P. Sullivan, W.J. Willis, K. Wolf, E. Noteboom, P.M. Peters and R. Burke, Use of aerogel for imaging Cherenkov counters . . . 349 (1994) 431
Fiorillo, G., see Buontempo, S. . . . 349 (1994) 70
Fitzgerald, D., see Bowman, J.D. . . . 349 (1994) 32
Flick, J.A., see Barakat, M. . . . 349 (1994) 118
Fonda, L., see Abrami, A. . . . 349 (1994) 609
Fontaine, A., see Giles, C. . . . 349 (1994) 622
Fontana, S., see Abrami, A. . . . 349 (1994) 609
Francke, T., see Carlson, P. . . . 349 (1994) 577
Franklin, M., see Tesarek, R.J. . . . 349 (1994) 96
Fredj, L., see Chemarin, M. . . . 349 (1994) 345
Freitas, C., see Varandas, C.A.F. . . . 349 (1994) 547
Friedel, F., see Ullrich, H.-J. . . . 349 (1994) 269
Friedlein, R. and G. Zschornack, Angle dispersive de-convolution of bremsstrahlung spectra from plasma . . . 349 (1994) 554
Fries, D.C., M. Kaiser and S. Rohr, Position-sensitive fiber readout . . . 349 (1994) 197
Frigeri, C., see Nava, F. . . . 349 (1994) 156
Frois, B., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Fujino, D., see Tesarek, R.J. . . . 349 (1994) 96
Fyodorov, A.A., see Buyanov, O.V. . . . 349 (1994) 62

Gabriel, A., F. Dauvergne, H.F. Nolting and M.H.J. Koch, Energy resolution using delay line detectors . . . 349 (1994) 461
Gabriel, T.A., see Zeitnitz, C. . . . 349 (1994) 106
Gaburro, Z., see Gauthier, Ch. . . . 349 (1994) 258
Gagliardi, C., see Barakat, M. . . . 349 (1994) 118
Galimberti, A., see Abrami, A. . . . 349 (1994) 609
Gan, K.K., see Tesarek, R.J. . . . 349 (1994) 96
Garabatos, C., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Garbe, S., see Ullrich, H.-J. . . . 349 (1994) 269
Garvey, J., see Brawn, I.P. . . . 349 (1994) 356
Garzon, J.A., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Gaspar, M., see Ariztizabal, F. . . . 349 (1994) 384
Gatti, E., see Gauthier, Ch. . . . 349 (1994) 258
Gaul, G., see Ullrich, H.-J. . . . 349 (1994) 269
Gaussiran, T., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Gauthier, Ch., J. Goulon, E. Moguiline, P. Elleaume, S. Feite, Z. Gaburro, A. Longoni, E. Gatti, P. Dressler, M.O. Lampert and R. Henck, A high-resolution silicon drift chamber for X-ray spectroscopy . . . 349 (1994) 258
Gauzzi, P., see Bini, C. . . . 349 (1994) 27
Gebhard, M.W., see Bower, C.R. . . . 349 (1994) 37
Gee, C.N.P., see Brawn, I.P. . . . 349 (1994) 356
Gelderloos, C.J. and J.M. Alexander, A probe of emission order and time delay for pairs of ejectiles in nuclear reactions (*Letter to the Editor*) . . . 349 (1994) 618
Gentili, M., see Abrami, A. . . . 349 (1994) 609
Gerola, D., see Shi, M. . . . 349 (1994) 8
Giannini, M., see Abrami, A. . . . 349 (1994) 609
Gildemeister, O., see Ariztizabal, F. . . . 349 (1994) 384
Giles, C., C. Malgrange, J. Goulon, F. de Bergevin, C. Vettier, A. Fontaine, E. Dartyge and S. Pizzini, Energy and polarization-tunable X-ray quarter-wave plates for energy dispersive absorption spectrometer (*Letter to the Editor*) . . . 349 (1994) 622
Gillman, A.R., see Brawn, I.P. . . . 349 (1994) 356
Gilman, R., see Tesarek, R.J. . . . 349 (1994) 96
Giorgi, M., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Glaser, M., see CERN RD19 collaboration, . . . 349 (1994) 138
Glasov, R., see Kampert, K.-H. . . . 349 (1994) 81
Goldbach, C., see Zhou, J.W. . . . 349 (1994) 225
Golutvin, I.A., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Gomes, A., see Ariztizabal, F. . . . 349 (1994) 384
Gomez, A., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Gonçalves, J.A.C., C.C. Bueno and M.D. de S. Santos, New advances in spark detectors . . . 349 (1994) 418

Gordeev, A., see Benary, O. 349 (1994) 367
Gordon, H., see Benary, O. 349 (1994) 367
Gordon, M.M., see Jeon, D.-o. 349 (1994) 1
Goulon, J., see Gauthier, Ch. 349 (1994) 258
Goulon, J., see Giles, C. 349 (1994) 622
Gozzo, F., see Abrami, A. 349 (1994) 609
Gracia, G., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Grosse Perdekamp, M., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Grübler, W., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Grybos, P., see Dabrowski, W. 349 (1994) 424
Guttormsen, M., see Avdeichikov, V.V. 349 (1994) 216
Guyonnet, J.L., see CERN RD19 collaboration, ... 349 (1994) 138
Gys, T., see CERN RD19 collaboration, ... 349 (1994) 138
Gys, T., see Anselmo, F. 349 (1994) 398

Haeberli, W., see Price, J.S. 349 (1994) 321
Hafen, E.S., see Chang, Y.H. 349 (1994) 47
Hakopian, H., see Ariztizabal, F. 349 (1994) 384
Han, S., see Tesarek, R.J. 349 (1994) 96
Haridas, P., see Chang, Y.H. 349 (1994) 47
Hartjes, F.G., see v.d. Berg, F.D. 349 (1994) 438
Hartmann, F.J., see Müller, W. 349 (1994) 307
Hartung, U., see Kreyssig, A. 349 (1994) 292
Hasegawa, T., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Hassard, J., see Tesarek, R.J. 349 (1994) 96
Hatley, R., see Brawn, I.P. 349 (1994) 356
Hautle, P., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Hayano, R.S., see Müller, W. 349 (1994) 307
Hayashi, N., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Heijne, E.H.M., see CERN RD19 collaboration, ... 349 (1994) 138
Heine, N., see Kampert, K.-H. 349 (1994) 81
Heinz, R.M., see Bower, C.R. 349 (1994) 37
Helstrup, H., see CERN RD19 collaboration, ... 349 (1994) 138
Henck, R., see Gauthier, Ch. 349 (1994) 258
Henriques, A., see Ariztizabal, F. 349 (1994) 384
Heppelmann, S.F., see Wu, J. 349 (1994) 183
Heusch, C.A., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Heuser, J., see CERN RD19 collaboration, ... 349 (1994) 138
Hidaka, M., see Niimura, N. 349 (1994) 521
Hilscher, D., see Pausch, G. 349 (1994) 281
Hirayama, H., see Namito, Y. 349 (1994) 489
Høibråten, S., see Bowman, J.D. 349 (1994) 32
Hongfang, C., see Jiaxiang, H. 349 (1994) 495
Horikawa, N., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Howard, A.J. and W.P. Strange, Determination of $^{218}Po^{+}$ ionic neutralization rates in gases 349 (1994) 481
Hu, K., see Wang, Q. 349 (1994) 299
Hughes, V.W., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Hungerford, E.V., see Barakat, M. 349 (1994) 118
Hurst, R., see CERN RD19 collaboration, ... 349 (1994) 138
Hyodo, T., see Nagai, Y. 349 (1994) 285

Igo, G., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Ille, B., see Chemarin, M. 349 (1994) 345
Ioannou, P., see Anassontzis, E.G. 349 (1994) 242
Irmer, K., see Kreyssig, A. 349 (1994) 292
Ishii, M., see Kobayashi, M. 349 (1994) 407
Ishimoto, S., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Ivarsson, J., see Ariztizabal, F. 349 (1994) 384
Iwata, T., see Spin Muon Collaboration (SMC), ... 349 (1994) 334

Jacak, B.V., see Fields, D.E. 349 (1994) 431
Jacholkowski, A., see CERN RD19 collaboration, ... 349 (1994) 138
Jaeckle, V., K. Kilian, H. Machner, Ch. Nake, W. Oelert and P. Turek, A liquid hydrogen/deuterium target with very thin windows 349 (1994) 15
Jain, A., Self focussing of the diamagnetic currents in the steady state MIGMA 349 (1994) 558
Jakobsson, B., see Avdeichikov, V.V. 349 (1994) 216
Jark, W. and P. Melpignano, Optimisation of a spherical grating monochromator for soft X-ray microscopy applications 349 (1994) 263
Jark, W., see Abrami, A. 349 (1994) 609
Jarron, P., see CERN RD19 collaboration, ... 349 (1994) 138
Jensen, G.L., see Czirr, J.B. 349 (1994) 532
Jeon, D.-o. and M.M. Gordon, Coupling effects at the $\nu_z = 3/4$ resonance in a three-sector superconducting cyclotron 349 (1994) 1
Jiaxiang, H., L. Cheng, X. Zizong and C. Hongfang, Time characteristics of a self quenching streamer in the coexistence region 349 (1994) 495
Johnston, K., see Barakat, M. 349 (1994) 118

Kabuss, E.M., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Kachanov, V.A., see Buyanov, O.V. 349 (1994) 62
Kagan, H., see Tesarek, R.J. 349 (1994) 96
Kaiser, M., see Fries, D.C. 349 (1994) 197
Kaiser, R., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Kamermans, R., see Bootsma, T.M.V. 349 (1994) 204
Kampert, K.-H., E.-M. Bohne, A. Claussen, F. Berger, D. Bock, R. Glasow, N. Heine, P. Mau, T. Peitzmann, M. Purschke, R. Santo, K. Steffens, D. Stüken, T.C. Awes and G.R. Young, A high resolution BGO calorimeter with longitudinal segmentation 349 (1994) 81
Kanda, S., see Tesarek, R.J. 349 (1994) 96
Kania, D.R., see Tesarek, R.J. 349 (1994) 96
Karasawa, Y., see Niimura, N. 349 (1994) 521
Karev, A., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Kass, R., see Tesarek, R.J. 349 (1994) 96
Kato, S., see Kurata, M. 349 (1994) 447
Kauffman, D.A., see Stone, C.A. 349 (1994) 515
Kaul, I.K., see Tickoo, A.K. 349 (1994) 600
Kaul, S.K., see Tickoo, A.K. 349 (1994) 600
Kaul, S.R., see Tickoo, A.K. 349 (1994) 600
Kersten, S., see CERN RD19 collaboration, ... 349 (1994) 138
Kessler, H.J., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Ketel, T.J., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Ketzer, B., see Müller, W. 349 (1994) 307
Khodyrev, V.Yu., see Buyanov, O.V. 349 (1994) 62
Kidd, M., see Bird, D. 349 (1994) 592
Kieda, D., see Bird, D. 349 (1994) 592
Kilian, K., see Jaeckle, V. 349 (1994) 15
Kim, G.J., see Barakat, M. 349 (1994) 118
Kim, S.K., see Tesarek, R.J. 349 (1994) 96
Kiryushin, I., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Kishi, A., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Kisselev, Y., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Kistenev, E., see Benary, O. 349 (1994) 367
Klamra, W., see Avdeichikov, V.V. 349 (1994) 216
Klostermann, L., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Knöchel, A., see Ullrich, H.-J. 349 (1994) 269
Knop, W., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Kobayashi, M., M. Ishii, Y. Usuki and H. Yahagi, Cadmium tungstate scintillators with excellent radiation hardness and low background 349 (1994) 407
Koch, M.H.J., see Gabriel, A. 349 (1994) 461
Koizumi, S., see Niimura, N. 349 (1994) 521
Kopylov, A., see Danshin, S. 349 (1994) 466
Korzhik, M.V., see Buyanov, O.V. 349 (1994) 62

Kostrikov, M., see Ariztizabal, F. . . . 349 (1994) 384
Koul, R., see Tickoo, A.K. . . . 349 (1994) 600
Kourkoumelis, Chr., see Anassontzis, E.G. . . . 349 (1994) 242
Krämer, D., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Krammer, M., see Dabrowski, W. . . . 349 (1994) 424
Kreyssig, A., K. Irmer and U. Hartung, ZnS/^{6}Li scintillation material as an alternative to ^{6}Li-glass scintillators for neutron detection in time focusing geometry (*Letter to the Editor*) . . . 349 (1994) 292
Krivokhijine, V., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Kroon, P., see Benary, O. . . . 349 (1994) 367
Krummenacher, F., see CERN RD19 collaboration, . . . 349 (1994) 138
Kuijer, P.G., see Bootsma, T.M.V. . . . 349 (1994) 204
Kukhtin, V., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Kulagin, M., see Ariztizabal, F. . . . 349 (1994) 384
Kumagai, A., see Kurata, M. . . . 349 (1994) 447
Kumbartski, G., see Tesarek, R.J. . . . 349 (1994) 96
Kumpat, G., see Ullrich, H.-J. . . . 349 (1994) 269
Kurata, M., S. Kato, A. Kumagai, K. Kurita, Y. Miake, S. Sato, K. Tomizawa, S. Ueno-Hayashi, K. Yagi, S. Nagamiya, T.K. Nayak, O. Vossnack, X. Yang and W. Zhan, Study of timing degradation and light attenuation in long plastic scintillation rods for time-of-flight counters in relativistic heavy ion experiments . 349 (1994) 447
Kurita, K., see Kurata, M. . . . 349 (1994) 447
Kyynäräinen, J., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334

Labeque, A., see Lemonnier, M. . . . 349 (1994) 274
La Commare, G., see Anselmo, F. . . . 349 (1994) 398
Lamanna, M., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Lampert, M.O., see Gauthier, Ch. . . . 349 (1994) 258
Lan, K., see Barakat, M. . . . 349 (1994) 118
Landgraf, U., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Landon, M., see Brawn, I.P. . . . 349 (1994) 356
Lanza, A., see T&T collaboration, . . . 349 (1994) 237
Lanzieri, C., see Nava, F. . . . 349 (1994) 156
Lapin, V., see Ariztizabal, F. . . . 349 (1994) 384
Lau, K., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Laurent, H., see Olsson, N. . . . 349 (1994) 231
Lauro, A., see T&T collaboration, . . . 349 (1994) 237
Layda, T., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Leblanc, J., see Zhou, J.W. . . . 349 (1994) 225
Lechtenberg, F., see Ullrich, H.-J. . . . 349 (1994) 269
Lee, M.H., see Tesarek, R.J. . . . 349 (1994) 96
Lee, S.R., see Byrne, J. . . . 349 (1994) 454
Lee, T. and M. Yoon, A method for deriving the Hamiltonians of insertion devices . . . 349 (1994) 316
Lehar, F., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Leitch, M.J., see Bowman, J.D. . . . 349 (1994) 32
Leitner, R., see CERN RD19 collaboration, . . . 349 (1994) 138
Leitner, R., see Ariztizabal, F. . . . 349 (1994) 384
Leltchouk, M., see Benary, O. . . . 349 (1994) 367
Lemeilleur, F., see CERN RD19 collaboration, . . . 349 (1994) 138
Lemonnier, M., A. Bahri, M. Bordessoule, F. Bartol, A. Labeque, Z. Liu, S. Megtert, M. Roulliay, M.F. Ravet, F. Rousseaux and J. Perrocheau, First experimental results on new microstrip three dimensional geometry (*Letter to the Editor*) . . . 349 (1994) 274
Lenti, V., see CERN RD19 collaboration, . . . 349 (1994) 138
Letheren, M., see CERN RD19 collaboration, . . . 349 (1994) 138
Leutz, H., see Anselmo, F. . . . 349 (1994) 398
Lichtenstadt, J., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Liguori, G., see T&T collaboration, . . . 349 (1994) 237
Lindqvist, T., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Lissauer, D., see Benary, O. . . . 349 (1994) 367
Litmaath, M., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Liu, F., see Barakat, M. . . . 349 (1994) 118

Liu, Z., see Lemonnier, M. . . . 349 (1994) 274
Löfgren, S., see Carlson, P. . . . 349 (1994) 577
Loh, E.C., see Bird, D. . . . 349 (1994) 592
Lokajicek, M., see CERN RD19 collaboration, . . . 349 (1994) 138
Lone, M.A., P.Y. Wong and K. Ajmani, Sensitivity of self-powered detector probes to electron and gamma-ray fields . . . 349 (1994) 563
Longoni, A., see Gauthier, Ch. . . . 349 (1994) 258
Lopes, M.I., see Chepel, V.Y. . . . 349 (1994) 500
Lopez, L., see CERN RD19 collaboration, . . . 349 (1994) 138
Lopez-Ponte, S., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Loverre, P.F., see Buontempo, S. . . . 349 (1994) 70
Lo Vetere, M., see CERN RD19 collaboration, . . . 349 (1994) 138
Lowe, M., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Lu, Y.C., see Barakat, M. . . . 349 (1994) 118
Luppi, C., see Buontempo, S. . . . 349 (1994) 70

Ma, H., see Benary, O. . . . 349 (1994) 367
Maas, F.E., see Müller, W. . . . 349 (1994) 307
Maayouf, R.M.A. and V.G. Syromiatnikov, Neutron reflectivity measurements of different nickel mirrors . . . 349 (1994) 540
Machner, H., see Jaeckle, V. . . . 349 (1994) 15
Macina, D., see Buontempo, S. . . . 349 (1994) 70
Maggi, G., see CERN RD19 collaboration, . . . 349 (1994) 138
Magnon, A., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Maio, A., see Ariztizabal, F. . . . 349 (1994) 384
Makowiecki, D., see Benary, O. . . . 349 (1994) 367
Malchow, R., see Tesarek, R.J. . . . 349 (1994) 96
Malgrange, C., see Giles, C. . . . 349 (1994) 622
Mallot, G.K., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Marchetti-Stasi, F., see Buontempo, S. . . . 349 (1994) 70
Mardor, I., see Wu, J. . . . 349 (1994) 183
Margaritondo, G., see Abrami, A. . . . 349 (1994) 609
Margetides, S., see Tesarek, R.J. . . . 349 (1994) 96
Marie, F., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Marino, M., see Anselmo, F. . . . 349 (1994) 398
Marroquin, F., see Ariztizabal, F. . . . 349 (1994) 384
Martin, A., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Martinengo, P., see CERN RD19 collaboration, . . . 349 (1994) 138
Martino, J., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Maslennikov, A., see Benary, O. . . . 349 (1994) 367
Massai, M.M., see Angelini, F. . . . 349 (1994) 412
Massarotti, A., see Abrami, A. . . . 349 (1994) 609
Mau, P., see Kampert, K.-H. . . . 349 (1994) 81
Mayes, B., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Mayes, B.W., see Barakat, M. . . . 349 (1994) 118
Mazzolini, F., see Abrami, A. . . . 349 (1994) 609
Mazzoni, M.A., see Buontempo, S. . . . 349 (1994) 70
McCarthy, J.S., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
McCorkle, S., see Benary, O. . . . 349 (1994) 367
Meddeler, G., see CERN RD19 collaboration, . . . 349 (1994) 138
Meddi, F., see CERN RD19 collaboration, . . . 349 (1994) 138
Megtert, S., see Lemonnier, M. . . . 349 (1994) 274
Melpignano, P., see Jark, W. . . . 349 (1994) 263
Menetrey, A., see CERN RD19 collaboration, . . . 349 (1994) 138
Mercanti, D., see Abrami, A. . . . 349 (1994) 609
Miake, Y., see Kurata, M. . . . 349 (1994) 447
Michel, B., see Ariztizabal, F. . . . 349 (1994) 384
Middelkamp, P., see CERN RD19 collaboration, . . . 349 (1994) 138
Migliozzi, P., see Buontempo, S. . . . 349 (1994) 70
Miller, D., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Miller, J.L., see Bower, C.R. . . . 349 (1994) 37

Minor, E.D., see Wu, J. . . . 349 (1994) 183
Mischke, R., see Barakat, M. . . . 349 (1994) 118
Mitchell, J., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Miyahara, J., see Niimura, N. . . . 349 (1994) 521
Miyahara, K., see Shin, K. . . . 349 (1994) 506
Miyahara, Y., FEL radiation power available in electron storage rings . . . 349 (1994) 247
Moguiline, E., see Gauthier, Ch. . . . 349 (1994) 258
Moltz, D.M., J.D. Robertson, J.C. Batchelder and J. Cerny, Development of low-energy proton detector telescopes . . . 349 (1994) 210
Montarou, G., see Ariztizabal, F. . . . 349 (1994) 384
Morando, M., see CERN RD19 collaboration, . . . 349 (1994) 138
Mori, K., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Moromisato, J., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Morozov, B., see Tesarek, R.J. . . . 349 (1994) 96
Muanza, G.S., see Ariztizabal, F. . . . 349 (1994) 384
Mufson, S.L., see Bower, C.R. . . . 349 (1994) 37
Müller, W., F.J. Hartmann, J. Eades, R.S. Hayano, B. Ketzer and F.E. Maas, Online monitoring of charged-particle beams using a CCD camera with image intensifier . . . 349 (1994) 307
Munns, A., see CERN RD19 collaboration, . . . 349 (1994) 138
Murin, Yu.A., see Avdeichikov, V.V. . . . 349 (1994) 216
Musico, P., see CERN RD19 collaboration, . . . 349 (1994) 138
Musser, J.A., see Bower, C.R. . . . 349 (1994) 37
Mutchler, G.S., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334

Nagai, Y. and T. Hyodo, Position sensitive scintillation detector for γ-rays using a GSO crystal (*Letter to the Editor*) . . . 349 (1994) 285
Nagamiya, S., see Kurata, M. . . . 349 (1994) 447
Nake, Ch., see Jaeckle, V. . . . 349 (1994) 15
Namito, Y., S. Ban and H. Hirayama, Implementation of the Doppler broadening of a Compton-scattered photon into the EGS4 code . . . 349 (1994) 489
Nassalski, J., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Naumann, L., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Nava, F., C. Canali, A. Castaldini, A. Cavallini, S. D'Auria, C. Del Papa, C. Frigeri, L. Zanotti, A. Cetronio, C. Lanzieri and A. Zichichi, Influence of electron traps on charge-collection efficiency in GaAs radiation detectors . . . 349 (1994) 156
Nayak, T.K., see Kurata, M. . . . 349 (1994) 447
Neganov, B., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Nessi, M., see Ariztizabal, F. . . . 349 (1994) 384
Nessi-Tedaldi, F., see Chemarin, M. . . . 349 (1994) 345
Neyer, C., see CERN RD19 collaboration, . . . 349 (1994) 138
Ng, C., see Wu, J. . . . 349 (1994) 183
Niimura, N., Y. Karasawa, I. Tanaka, J. Miyahara, K. Takahashi, H. Saito, S. Koizumi and M. Hidaka, An imaging plate neutron detector . . . 349 (1994) 521
Niinikoski, T.O., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Nilsson, L., see Olsson, N. . . . 349 (1994) 231
Nollez, G., see Zhou, J.W. . . . 349 (1994) 225
Nolting, H.F., see Gabriel, A. . . . 349 (1994) 461
Noteboom, E., see Fields, D.E. . . . 349 (1994) 431

Oberski, J.E.J., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Oelert, W., see Jaeckle, V. . . . 349 (1994) 15
Okumi, S., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Olmez, I., see Stone, C.A. . . . 349 (1994) 515
Olsson, N., P.-O. Söderman, L. Nilsson and H. Laurent, Calibration of a large NE213 neutron detector array . . . 349 (1994) 231
Onoprienko, D., see Benary, O. . . . 349 (1994) 367
Onuchin, A., see Benary, O. . . . 349 (1994) 367
Oren, Y., see Benary, O. . . . 349 (1994) 367
Ortlepp, H.-G., see Pausch, G. . . . 349 (1994) 281
Ostendorf, R., see Bootsma, T.M.V. . . . 349 (1994) 204

Ottonello, P., G.A. Rottigni, G. Zanella and R. Zannoni, Slow neutron imaging using scintillating glass optical fibers . . . 349 (1994) 526
Ouyang, J., see Bowman, J.D. . . . 349 (1994) 32

Padilla, C., see Ariztizabal, F. . . . 349 (1994) 384
Palladino, V., see Buontempo, S. . . . 349 (1994) 70
Pallavicini, M., see CERN RD19 collaboration, . . . 349 (1994) 138
Pallin, D., see Ariztizabal, F. . . . 349 (1994) 384
Palmer, W., see Tesarek, R.J. . . . 349 (1994) 96
Pan, L.S., see Tesarek, R.J. . . . 349 (1994) 96
Panin, V., see Benary, O. . . . 349 (1994) 367
Parsons, J.A., see Benary, O. . . . 349 (1994) 367
Passaneau, J.E., see Wu, J. . . . 349 (1994) 183
Pausch, G., W. Bohne, D. Hilscher, H.-G. Ortlepp and D. Polster, Particle identification in a wide dynamic range based on pulse-shape analysis with solid-state detectors (*Letter to the Editor*) . . . 349 (1994) 281
Péghaire, A., see Bootsma, T.M.V. . . . 349 (1994) 204
Peigneux, J.P., see Buyanov, O.V. . . . 349 (1994) 62
Peitzmann, T., see Kampert, K.-H. . . . 349 (1994) 81
Pellegrini, F., see CERN RD19 collaboration, . . . 349 (1994) 138
Pengg, F., see CERN RD19 collaboration, . . . 349 (1994) 138
Penzo, A., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Peralta, L., see Ariztizabal, F. . . . 349 (1994) 384
Pereira, A., see Ariztizabal, F. . . . 349 (1994) 384
Perera, V., see Brawn, I.P. . . . 349 (1994) 356
Perez, G., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Perfetti, P., see Abrami, A. . . . 349 (1994) 609
Pernegger, H., see Dabrowski, W. . . . 349 (1994) 424
Perrocheau, J., see Lemonnier, M. . . . 349 (1994) 274
Perrot-Kunne, F., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Peshekhonov, D., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Peters, P.M., see Fields, D.E. . . . 349 (1994) 431
Peterson, R.J., see Bowman, J.D. . . . 349 (1994) 32
Petkov, P., Errors arising from nuclear hyperfine interactions on lifetimes determined by the recoil distance Doppler shift method (*Letter to the Editor*) . . . 349 (1994) 289
Phelps, R., see Barakat, M. . . . 349 (1994) 118
Piegaia, R., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Piel, N., M. Berheide, Ch. Polaczyk, C. Rolfs and W.H. Schulte, Ion dose determination using beam chopper techniques . . . 349 (1994) 18
Pinsky, L., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Pinsky, L.S., see Barakat, M. . . . 349 (1994) 118
Piredda, G., see Buontempo, S. . . . 349 (1994) 70
Pires, J., see Varandas, C.A.F. . . . 349 (1994) 547
Pitts, J.J., see Bower, C.R. . . . 349 (1994) 37
Pizzini, S., see Giles, C. . . . 349 (1994) 622
Platchkov, S., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Pless, I.A., see Chang, Y.H. . . . 349 (1994) 47
Plo, M., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Poggioli, L., see Ariztizabal, F. . . . 349 (1994) 384
Poirot, S., see Ariztizabal, F. . . . 349 (1994) 384
Polaczyk, Ch., see Piel, N. . . . 349 (1994) 18
Policarpo, A.J.P.L., see Chepel, V.Y. . . . 349 (1994) 500
Polster, D., see Pausch, G. . . . 349 (1994) 281
Pose, D., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Pospisil, S., see CERN RD19 collaboration, . . . 349 (1994) 138
Postma, H., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Poulet, M., see Buyanov, O.V. . . . 349 (1994) 62
Price, J.S. and W. Haeberli, Measurement of cell wall depolarization of polarized hydrogen gas targets in a weak magnetic field . . . 349 (1994) 321
Prokoshkin, Yu.D., see Buyanov, O.V. . . . 349 (1994) 62
Protopopov, Y., see Ariztizabal, F. . . . 349 (1994) 384

Prout, D.L., see Bowman, J.D. 349 (1994) 32
Puglisi, M., see Abrami, A. 349 (1994) 609
Purschke, M., see Kampert, K.-H. 349 (1994) 81
Pussieux, T., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Pyrlik, J., see Spin Muon Collaboration (SMC), ... 349 (1994) 334

Qian, S., see Anselmo, F. 349 (1994) 398
Quercigh, E., see CERN RD19 collaboration, ... 349 (1994) 138
Quinton, S., see Brawn, I.P. 349 (1994) 356

Radeka, V., see Benary, O. 349 (1994) 367
Raffo, R., see Angelini, F. 349 (1994) 412
Rahm, D., see Benary, O. 349 (1994) 367
Rakoczy, D., see Dabrowski, W. 349 (1994) 424
Ravet, M.F., see Lemonnier, M. 349 (1994) 274
Rebourgeard, P., see Buyanov, O.V. 349 (1994) 62
Rescia, S., see Benary, O. 349 (1994) 367
Resvanis, L.K., see Anassontzis, E.G. 349 (1994) 242
Riccardi, F., see Buontempo, S. 349 (1994) 70
Ricciardi, S., see Buontempo, S. 349 (1994) 70
Richter, R., see Abrami, A. 349 (1994) 609
Ridky, J., see CERN RD19 collaboration, ... 349 (1994) 138
Rieubland, J.M., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Righini, P., see Buontempo, S. 349 (1994) 70
Rijllart, A., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Rindi, A., see Abrami, A. 349 (1994) 609
Roberts, J.B., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Robertson, J.D., see Moltz, D.M. 349 (1994) 210
Rodriguez, M., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Rogers, L., see Benary, O. 349 (1994) 367
Rohr, S., see Fries, D.C. 349 (1994) 197
Rolfs, C., see Piel, N. 349 (1994) 18
Rondio, E., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Rondon, O., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Ropelewski, L., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Rosado, A., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Rosei, R., see Abrami, A. 349 (1994) 609
Rossi, L., see CERN RD19 collaboration, ... 349 (1994) 138
Rossmanith, E., see Ullrich, H.-J. 349 (1994) 269
Rottigni, G.A., see Ottonello, P. 349 (1994) 526
Roulliay, M., see Lemonnier, M. 349 (1994) 274
Rousseaux, F., see Lemonnier, M. 349 (1994) 274
Rovelli, T., see Adye, T.J. 349 (1994) 160
Rubbia, C., see Abrami, A. 349 (1994) 609
Rutherfoord, J., see Benary, O. 349 (1994) 367
Rutt, P., see Tesarek, R.J. 349 (1994) 96
Rykalin, V.V., see Buyanov, O.V. 349 (1994) 62

Sabo, I., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Saborido, J., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Sadler, M.E., see Bowman, J.D. 349 (1994) 32
Safarik, K., see CERN RD19 collaboration, ... 349 (1994) 138
Saito, E., Extension of the neutron scattering experimental simulation code MACHO 349 (1994) 544
Saito, H., see Niimura, N. 349 (1994) 521
Saitta, B., see Buontempo, S. 349 (1994) 70
Salvato, G., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Sandacz, A., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Sanders, D., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Sannes, F., see Tesarek, R.J. 349 (1994) 96
Santacesaria, R., see Buontempo, S. 349 (1994) 70

Santo, R., see Kampert, K.-H. . . . 349 (1994) 81
Santonico, R., see Chang, Y.H. . . . 349 (1994) 47
Sato, S., see Kurata, M. . . . 349 (1994) 447
Savin, I., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Savoia, A., see Abrami, A. . . . 349 (1994) 609
Says, L.-P., see Ariztizabal, F. . . . 349 (1994) 384
Schiavon, P., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Schlaubitz, M., see Ullrich, H.-J. . . . 349 (1994) 269
Schmitz, J., see v.d. Berg, F.D. . . . 349 (1994) 438
Schnetzer, S., see Tesarek, R.J. . . . 349 (1994) 96
Schönfelder, S., see Alber, T. . . . 349 (1994) 56
Schüler, P., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Schulte, W.H., see Piel, N. . . . 349 (1994) 18
Segato, G., see CERN RD19 collaboration, . . . 349 (1994) 138
Segel, R., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Seitz, R., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Seixas, J.M., see Ariztizabal, F. . . . 349 (1994) 384
Sekulin, R.L., see Adye, T.J. . . . 349 (1994) 160
Seman, M., see Benary, O. . . . 349 (1994) 367
Semenov, P.A., see Buyanov, O.V. . . . 349 (1994) 62
Semon, D., see Barakat, M. . . . 349 (1994) 118
Sergeev, S., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Sever, F., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Seyboth, P., see Alber, T. . . . 349 (1994) 56
Shagin, P.M., see Buyanov, O.V. . . . 349 (1994) 62
Shanahan, P., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Shi, M., W.B. Waeber, D. Gerola, U. Zimmermann and D. Taqqu, Premoderation of positrons. Experiments on positron trapping and slowing-down . . . 349 (1994) 8
Shin, K., K. Miyahara and Y. Uwamino, Systematic study of neutron production cross sections for heavy ions by intranuclear cascade-evaporation calculations . . . 349 (1994) 506
Simone, S., see CERN RD19 collaboration, . . . 349 (1994) 138
Singovsky, A.V., see Buyanov, O.V. . . . 349 (1994) 62
Sippach, W., see Benary, O. . . . 349 (1994) 367
Smirnov, A.V., On the analysis of periodic magnetostatic systems (*Letter to the Editor*) . . . 349 (1994) 295
Smirnov, A.V. and V.N. Smirnov, Beam self-excited oscillation in linac buncher section . . . 349 (1994) 614
Smirnov, G., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Smirnov, V.N., see Smirnov, A.V. . . . 349 (1994) 614
Smith, G.R., see Adye, T.J. . . . 349 (1994) 160
Smith, M., see Benary, O. . . . 349 (1994) 367
Smith, T.P., Erratum to "Analysis of sparsely distributed data: an application of the extended maximum-likelihood method" by Timothy Paul Smith, F.W. Hersman and Albert Zondervan [Nucl. Instr. and Meth. A 334 (1993) 537–542] . . . 349 (1994) 626
Snellings, R.J.M., see Bootsma, T.M.V. . . . 349 (1994) 204
Söderman, P.-O., see Olsson, N. . . . 349 (1994) 231
Sokolsky, P., see Bird, D. . . . 349 (1994) 592
Solodkov, A., see Ariztizabal, F. . . . 349 (1994) 384
Solovianov, V.L., see Buyanov, O.V. . . . 349 (1994) 62
Somalwar, S.V., see Tesarek, R.J. . . . 349 (1994) 96
Sommers, P., see Bird, D. . . . 349 (1994) 592
Sonderegger, P., see Ariztizabal, F. . . . 349 (1994) 384
Sondericker III, J., see Benary, O. . . . 349 (1994) 367
Sondheim, W.E., see Fields, D.E. . . . 349 (1994) 431
Sonnadara, U., see Benary, O. . . . 349 (1994) 367
Sousa, J., see Varandas, C.A.F. . . . 349 (1994) 547
Spandre, G., see Angelini, F. . . . 349 (1994) 412
Spann, T., see Ullrich, H.-J. . . . 349 (1994) 269
Spezziga, M., see Angelini, F. . . . 349 (1994) 412

Spin Muon Collaboration (SMC), B. Adeva, S. Ahmad, A. Arvidson, B. Badelek, M.K. Ballintijn, G. Bardin, G. Baum, P. Berglund, L. Betev, I.G. Bird, R. Birsa, P. Björkholm, B.E. Bonner, N. de Botton, M. Boutemeur, F. Bradamante, A. Bressan, A. Brüll, J. Buchanan, S. Bültmann, E. Burtin, C. Cavata, J.P. Chen, J. Clement, M. Clocchiatti, M.D. Corcoran, D. Crabb, J. Cranshaw, T. Çuhadar, S. Dalla Torre, R. van Dantzig, D. Day, S. Dhawan, C. Dulya, A. Dyring, S. Eichblatt, J.C. Faivre, D. Fasching, F. Feinstein, C. Fernandez, B. Frois, C. Garabatos, J.A. Garzon, T. Gaussiran, M. Giorgi, E. von Goeler, I.A. Golutvin, A. Gomez, G. Gracia, M. Grosse Perdekamp, W. Grübler, D. von Harrach, T. Hasegawa, P. Hautle, N. Hayashi, C.A. Heusch, N. Horikawa, V.W. Hughes, G. Igo, S. Ishimoto, T. Iwata, M. de Jong, E.M. Kabuss, R. Kaiser, A. Karev, H.J. Kessler, T.J. Ketel, I. Kiryushin, A. Kishi, Y. Kisselev, L. Klostermann, W. Knop, D. Krämer, V. Krivokhijine, V. Kukhtin, J. Kyynäräinen, M. Lamanna, U. Landgraf, K. Lau, T. Layda, F. Lehar, A. de Lesquen, J. Lichtenstadt, T. Lindqvist, M. Litmaath, S. Lopez-Ponte, M. Lowe, A. Magnon, G.K. Mallot, F. Marie, A. Martin, J. Martino, B. Mayes, J.S. McCarthy, G. van Middelkoop, D. Miller, J. Mitchell, K. Mori, J. Moromisato, G.S. Mutchler, J. Nassalski, L. Naumann, B. Neganov, T.O. Niinikoski, J.E.J. Oberski, S. Okumi, A. Penzo, G. Perez, F. Perrot-Kunne, D. Peshekhonov, R. Piegaia, L. Pinsky, S. Platchkov, M. Plo, D. Pose, H. Postma, T. Pussieux, J. Pyrlik, J.M. Rieubland, A. Rijllart, J.B. Roberts, M. Rodriguez, E. Rondio, O. Rondon, L. Ropelewski, A. Rosado, I. Sabo, J. Saborido, G. Salvato, A. Sandacz, D. Sanders, I. Savin, P. Schiavon, P. Schüler, R. Segel, R. Seitz, S. Sergeev, F. Sever, P. Shanahan, G. Smirnov, A. Staude, A. Steinmetz, H. Stuhrmann, K.M. Teichert, F. Tessarotto, W. Thiel, Y. Tzamouranis, M. Velasco, J. Vogt, R. Voss, R. Weinstein, C. Whitten, R. Windmolders, W. Wislicki, A. Witzmann, A. Yañez, N.I. Zamiatin and A.M. Zanetti, Measurement of the deuteron polarization in a large target 349 (1994) 334
Staley, R.J., see Brawn, I.P. 349 (1994) 356
Staude, A., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Steffens, K., see Kampert, K.-H. 349 (1994) 81
Steiner, R., see Benary, O. 349 (1994) 367
Steinmetz, A., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Stephani, D., see Benary, O. 349 (1994) 367
Stern, E., see Benary, O. 349 (1994) 367
Stone, C.A., D.H. Blackburn, D.A. Kauffman, D.C. Cranmer and I. Olmez, ^{6}Li-doped silicate glass for thermal neutron shielding 349 (1994) 515
Stone, R., see Tesarek, R.J. 349 (1994) 96
Strange, W.P., see Howard, A.J. 349 (1994) 481
Stroke, H.H., see Zhou, J.W. 349 (1994) 225
Strolin, P., see Buontempo, S. 349 (1994) 70
Stuhrmann, H., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Stüken, D., see Kampert, K.-H. 349 (1994) 81
Stumer, I., see Benary, O. 349 (1994) 367
Suffert, M., see Carlson, P. 349 (1994) 577
Sugimoto, Y., see Tesarek, R.J. 349 (1994) 96
Suk, M., see Ariztizabal, F. 349 (1994) 384
Sullivan, J.P., see Fields, D.E. 349 (1994) 431
Susinno, G.F., see Chemarin, M. 349 (1994) 345
Syromiatnikov, V.G., see Maayouf, R.M.A. 349 (1994) 540

Takahashi, K., see Niimura, N. 349 (1994) 521
Takai, H., see Benary, O. 349 (1994) 367
Tanaka, I., see Niimura, N. 349 (1994) 521
Tang, J.K., see Bird, D. 349 (1994) 592
Tang, L.G., see Barakat, M. 349 (1994) 118
Taqqu, D., see Shi, M. 349 (1994) 8
Tas, P., see Ariztizabal, F. 349 (1994) 384
T&T collaboration, V. Arena, A. Lanza, G. Liguori, P. Torre, P. Vitulo, M. Ambrosio, G.C. Barbarino, A. Lauro, G. Agnetta and O. Catalano, A new 63 MHz RPC parallel readout system 349 (1994) 237
Taylor, J.E., see Avdeichikov, V.V. 349 (1994) 216
Teichert, K.M., see Spin Muon Collaboration (SMC), ... 349 (1994) 334
Tempesta, P., see CERN RD19 collaboration, ... 349 (1994) 138
Tesarek, R.J., R. Gilman, G. Kumbartski, M.H. Lee, P. Rutt, F. Sannes, S. Schnetzer, S.V. Somalwar, R. Stone, G.B. Thomson, M. Franklin, S. Kanda, B. Morozov, Y. Sugimoto, S. Han, D.R. Kania, L.S. Pan, D. Fujino, K.K. Gan, J. Hassard, H. Kagan, R. Kass, R. Malchow, S. Margetides, W. Palmer, C. White, S. Zhao and S.K. Kim, Performance of a diamond–tungsten sampling calorimeter 349 (1994) 96

Tessarotto, F., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Teubert, F., see Ariztizabal, F. . . . 349 (1994) 384
Themann, H., see Benary, O. . . . 349 (1994) 367
Thiel, W., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Thomas, S.B., see Bird, D. . . . 349 (1994) 592
Thome, Z., see Ariztizabal, F. . . . 349 (1994) 384
Thomson, G.B., see Tesarek, R.J. . . . 349 (1994) 96
Tickoo, A.K., C.L. Bhat, R. Koul, I.K. Kaul, S.K. Kaul and S.R. Kaul, A computer-programmable delay-generator scheme for the TACTIC gamma-ray telescope . . . 349 (1994) 600
Tikhonov, Y., see Benary, O. . . . 349 (1994) 367
Tomasi, J., see Chang, Y.H. . . . 349 (1994) 47
Tomizawa, K., see Kurata, M. . . . 349 (1994) 447
Tommasini, D., see Abrami, A. . . . 349 (1994) 609
Torre, P., see T&T collaboration, . . . 349 (1994) 237
Tribble, R.E., see Barakat, M. . . . 349 (1994) 118
Tu, X.L., see Barakat, M. . . . 349 (1994) 118
Turek, P., see Jaeckle, V. . . . 349 (1994) 15
Twenhöfel, C.J.W., see Bootsma, T.M.V. . . . 349 (1994) 204
Tzamouranis, Y., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334

Udo, F., see v.d. Berg, F.D. . . . 349 (1994) 438
Ueno-Hayashi, S., see Kurata, M. . . . 349 (1994) 447
Ullrich, H.-J., M. Schlaubitz, F. Friedel, T. Spann, J. Bauch, T. Wroblewski, S. Garbe, G. Gaul, A. Knöchel, F. Lechtenberg, E. Rossmanith, G. Kumpat and G. Ulrich, Excitation of Kossel patterns by synchrotron radiation . . . 349 (1994) 269
Ulrich, G., see Ullrich, H.-J. . . . 349 (1994) 269
Usuki, Y., see Kobayashi, M. . . . 349 (1994) 407
Uwamino, Y., see Shin, K. . . . 349 (1994) 506

Van Ausdeln, L., see Barakat, M. . . . 349 (1994) 118
Van Dantzig, R., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Van den Brink, A., see Bootsma, T.M.V. . . . 349 (1994) 204
Vander Velde, C., see v.d. Berg, F.D. . . . 349 (1994) 438
Van Hecke, H., see Fields, D.E. . . . 349 (1994) 431
Van Middelkoop, G., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Van Nieuwenhuizen, G.J., see Bootsma, T.M.V. . . . 349 (1994) 204
Varandas, C.A.F., B.B. Carvalho, C. Correia, H. Fernandes, C. Freitas, J. Pires, J. Sousa, J.A.C. Cabral, A fully computerized and distributed VME system for control and data acquisition on the tokamak ISTTOK . . . 349 (1994) 547
Vazeille, F., see Ariztizabal, F. . . . 349 (1994) 384
V.d. Berg, F.D., F.G. Hartjes, J. Schmitz, F. Udo, A.R. de Winter, B. Dutrieue and C. Vander Velde, Study of inclined particle tracks in micro strip gas counters . . . 349 (1994) 438
Velasco, M., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Verweij, H., see CERN RD19 collaboration, . . . 349 (1994) 138
Vettier, C., see Giles, C. . . . 349 (1994) 622
Viani, G., see Abrami, A. . . . 349 (1994) 609
Viertel, G.M., see CERN RD19 collaboration, . . . 349 (1994) 138
Vitulo, P., see T&T collaboration, . . . 349 (1994) 237
Vogt, J., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Von Goeler, E., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Von Harrach, D., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Von Witsch, W., see Barakat, M. . . . 349 (1994) 118
Voss, R., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Vossnack, O., see Kurata, M. . . . 349 (1994) 447
Vrba, V., see CERN RD19 collaboration, . . . 349 (1994) 138

Waeber, W.B., see Shi, M. . . . 349 (1994) 8
Walker, R.P., see Abrami, A. . . . 349 (1994) 609
Wampler, W.R. and B.L. Doyle, Low-energy beta spectroscopy using pin diodes to monitor tritium surface contamination . . . 349 (1994) 473

Wang, H.Z., see Barakat, M. . . . 349 (1994) 118
Wang, P., see Wang, Q. . . . 349 (1994) 299
Wang, Q., K. Zhao, C.-e. Chen, K. Hu, Y. Chen and P. Wang, A multi-electron-beam Cherenkov oscillator operating at mm wavelengths . . . 349 (1994) 299
Watson, A.T., see Brawn, I.P. . . . 349 (1994) 356
Weber, N., see Carlson, P. . . . 349 (1994) 577
Weinstein, R., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Westerberg, L., see Avdeichikov, V.V. . . . 349 (1994) 216
White, C., see Tesarek, R.J. . . . 349 (1994) 96
Whitten, C., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Widgoff, M., see Chang, Y.H. . . . 349 (1994) 47
Wiencke, L., see Bird, D. . . . 349 (1994) 592
Willis, W.J., see Benary, O. . . . 349 (1994) 367
Willis, W.J., see Fields, D.E. . . . 349 (1994) 431
Windmolders, R., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Wislicki, W., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Witzmann, A., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Wolf, K., see Fields, D.E. . . . 349 (1994) 431
Wong, P.Y., see Lone, M.A. . . . 349 (1994) 563
Wroblewski, T., see Ullrich, H.-J. . . . 349 (1994) 269
Wrulich, A., see Abrami, A. . . . 349 (1994) 609
Wu, J., E.D. Minor, J.E. Passaneau, S.F. Heppelmann, C. Ng, G. Bunce and I. Mardor, The EVA trigger: Transverse momentum selection in a solenoid . . . 349 (1994) 183

Yagi, K., see Kurata, M. . . . 349 (1994) 447
Yahagi, H., see Kobayashi, M. . . . 349 (1994) 407
Yañez, A., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Yang, X., see Kurata, M. . . . 349 (1994) 447
Yants, V., see Danshin, S. . . . 349 (1994) 466
Yao, X., see Barakat, M. . . . 349 (1994) 118
Yi, W., see Barakat, M. . . . 349 (1994) 118
Yoon, M., see Lee, T. . . . 349 (1994) 316
Young, G.R., see Kampert, K.-H. . . . 349 (1994) 81

Zaitsev, A., see Ariztizabal, F. . . . 349 (1994) 384
Zamiatin, N.I., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Zanella, G., see Ottonello, P. . . . 349 (1994) 526
Zanello, D., see Bini, C. . . . 349 (1994) 27
Zanetti, A.M., see Spin Muon Collaboration (SMC), . . . 349 (1994) 334
Zannoni, R., see Ottonello, P. . . . 349 (1994) 526
Zanotti, L., see Nava, F. . . . 349 (1994) 156
Zeitnitz, C. and T.A. Gabriel, The GEANT–CALOR interface and benchmark calculations of ZEUS test calorimeters . . . 349 (1994) 106
Zhan, W., see Kurata, M. . . . 349 (1994) 447
Zhao, K., see Wang, Q. . . . 349 (1994) 299
Zhao, S., see Tesarek, R.J. . . . 349 (1994) 96
Zhou, J.W., P. de Marcillac, G. Artzner, N. Coron, C. Goldbach, J. Leblanc, G. Nollez and H.H. Stroke, Bolometric detection of the recoil spectrum in the alpha decay of ^{210}Po . . . 349 (1994) 225
Zhu, Q., see Bird, D. . . . 349 (1994) 592
Zichichi, A., see Nava, F. . . . 349 (1994) 156
Zimmermann, U., see Shi, M. . . . 349 (1994) 8
Zito, G., New visualization tool to operate high energy physics detectors . . . 349 (1994) 112
Zizong, X., see Jiaxiang, H. . . . 349 (1994) 495
Zschornack, G., see Friedlein, R. . . . 349 (1994) 554
Zucchelli, P., see Buontempo, S. . . . 349 (1994) 70

Nuclear Instruments and Methods in Physics Research A 349 (1994) 645–649
North-Holland

NUCLEAR
INSTRUMENTS
& METHODS
IN PHYSICS
RESEARCH
Section A

Subject index

Accelerators, Beam Handling and Targets

Coupling effects at the $\nu_z = 3/4$ resonance in a three-sector superconducting cyclotron, D.-o. Jeon and M.M. Gordon 349 (1994) 1
Premoderation of positrons. Experiments on positron trapping and slowing-down, M. Shi, W.B. Waeber, D. Gerola, U. Zimmermann and D. Taqqu 349 (1994) 8
A liquid hydrogen/deuterium target with very thin windows, V. Jaeckle, K. Kilian, H. Machner, Ch. Nake, W. Oelert and P. Turek 349 (1994) 15
Ion dose determination using beam chopper techniques, N. Piel, M. Berheide, Ch. Polaczyk, C. Rolfs and W.H. Schulte 349 (1994) 18
A multi-electron-beam Cherenkov oscillator operating at mm wavelengths, Q. Wang, K. Zhao, C.-e. Chen, K. Hu, Y. Chen and P. Wang 349 (1994) 299
The transmission of a lossy curved supermirror neutron guide, D. Dubbers 349 (1994) 302
Online monitoring of charged-particle beams using a CCD camera with image intensifier, W. Müller, F.J. Hartmann, J. Eades, R.S. Hayano, B. Ketzer and F.E. Maas 349 (1994) 307
On an interferometric method for the diagnostic of small bunches in e^+e^- colliders, J.L. Bobin 349 (1994) 310
A method for deriving the Hamiltonians of insertion devices, T. Lee and M. Yoon 349 (1994) 316
Measurement of cell wall depolarization of polarized hydrogen gas targets in a weak magnetic field, J.S. Price and W. Haeberli 349 (1994) 321

Instruments and Methods for High Energy Physics

Fast luminosity monitor at LEP, C. Bini, D. De Pedis, G. De Zorzi, G. Diambrini-Palazzi, G. Di Cosimo, A. Di Domenico, P. Gauzzi and D. Zanello 349 (1994) 27
Performance of a sampling grid scintillator, J.D. Bowman, D. Fitzgerald, M.J. Leitch, J. Ouyang, S. Høibråten, R.J. Peterson, D.L. Prout and M.E. Sadler 349 (1994) 32
The performance of a position sensitive wire chamber in the presence of a magnetic field, C.R. Bower, M.W. Gebhard, R.M. Heinz, J.A. Musser, J.J. Pitts, J.L. Miller and S.L. Mufson 349 (1994) 37
A study of meter size RPCs for large area detectors, Y.H. Chang, D. Chen, E.S. Hafen, P. Haridas, I.A. Pless, J. Tomasi, M. Widgoff, E.D. Alyea, R. Santonico, R. Cardarelli, S. Berridge, W. Bugg and P.Y.C. Du . . . 349 (1994) 47
A study of argon, neon and helium based gas mixtures for improving the spatial resolution in time projection chambers, T. Alber, V. Eckardt, H. Fessler, S. Schönfelder and P. Seyboth 349 (1994) 56
A first electromagnetic calorimeter prototype of $PbWO_4$ crystals, O.V. Buyanov, R. Chipaux, A.A. Fyodorov, V.A. Kachanov, V.Yu. Khodyrev, M.V. Korzhik, J.L. Faure, J.P. Peigneux, M. Poulet, Yu.D. Prokoshkin, P. Rebourgeard, V.V. Rykalin, P.M. Shagin, P.A. Semenov, A.V. Singovsky and V.L. Solovianov 349 (1994) 62
Construction and test of calorimeter modules for the CHORUS experiment, S. Buontempo, A. Capone, A.G. Cocco, D. De Pedis, E. Di Capua, U. Dore, A. Ereditato, M. Ferroni, G. Fiorillo, P.F. Loverre, C. Luppi, D. Macina, F. Marchetti-Stasi, M.A. Mazzoni, P. Migliozzi, V. Palladino, G. Piredda, F. Riccardi, S. Ricciardi, P. Righini, B. Saitta, R. Santacesaria, P. Strolin and P. Zucchelli 349 (1994) 70
A high resolution BGO calorimeter with longitudinal segmentation, K.-H. Kampert, E.-M. Bohne, A. Claussen, F. Berger, D. Bock, R. Glasow, N. Heine, P. Mau, T. Peitzmann, M. Purschke, R. Santo, K. Steffens, D. Stüken, T.C. Awes and G.R. Young 349 (1994) 81
Performance of a diamond–tungsten sampling calorimeter, R.J. Tesarek, R. Gilman, G. Kumbartski, M.H. Lee, P. Rutt, F. Sannes, S. Schnetzer, S.V. Somalwar, R. Stone, G.B. Thomson, M. Franklin, S. Kanda, B. Morozov, Y. Sugimoto, S. Han, D.R. Kania, L.S. Pan, D. Fujino, K.K. Gan, J. Hassard, H. Kagan, R. Kass, R. Malchow, S. Margetides, W. Palmer, C. White, S. Zhao and S.K. Kim 349 (1994) 96
The GEANT–CALOR interface and benchmark calculations of ZEUS test calorimeters, C. Zeitnitz and T.A. Gabriel 349 (1994) 106

0168-9002/94/$07.00 © 1994 – Elsevier Science B.V. All rights reserved

New visualization tool to operate high energy physics detectors, G. Zito 349 (1994) 112
Construction of the MEGA photon detector, M. Barakat, Y. Chen, S. Conrad, M. Cooper, M. Dzemidzic, J.A. Flick, C. Gagliardi, E.V. Hungerford, K. Johnston, G.J. Kim, K. Lan, F. Liu, Y.C. Lu, B.W. Mayes, R. Mischke, R. Phelps, L.S. Pinsky, D. Semon, R.E. Tribble, L.G. Tang, X.L. Tu, L. van Ausdeln, W. Von Witsch, H.Z. Wang, X. Yao and W. Yi 349 (1994) 118
First operation of a 72 k element hybrid silicon micropattern pixel detector array, CERN RD19 collaboration, E.H.M. Heijne, F. Antinori, R. Arnold, D. Barberis, H. Beker, W. Beusch, P. Burger, M. Campbell, M.G. Catanesi, E. Chesi, G. Darbo, C. Da Via, D. Di Bari, S. Di Liberto, D. Elia, C.C. Enz, M. Glaser, J.L. Guyonnet, T. Gys, H. Helstrup, J. Heuser, R. Hurst, A. Jacholkowski, P. Jarron, S. Kersten, F. Krummenacher, R. Leitner, F. Lemeilleur, V. Lenti, M. Letheren, M. Lokajicek, L. Lopez, M. Lo Vetere, G. Maggi, P. Martinengo, G. Meddeler, F. Meddi, A. Menetrey, P. Middelkamp, M. Morando, A. Munns, P. Musico, C. Neyer, M. Pallavicini, F. Pellegrini, F. Pengg, S. Pospisil, E. Quercigh, J. Ridky, L. Rossi, K. Safarik, G. Segato, S. Simone, P. Tempesta, H. Verweij, G.M. Viertel and V. Vrba 349 (1994) 138
Influence of electron traps on charge-collection efficiency in GaAs radiation detectors, F. Nava, C. Canali, A. Castaldini, A. Cavallini, S. D'Auria, C. Del Papa, C. Frigeri, L. Zanotti, A. Cetronio, C. Lanzieri and A. Zichichi 349 (1994) 156
The design and operation of the slow controls for the DELPHI experiment at LEP, T.J. Adye, A. Augustinus, M. Dönszelmann, T. Rovelli, R.L. Sekulin and G.R. Smith 349 (1994) 160
The EVA trigger: Transverse momentum selection in a solenoid, J. Wu, E.D. Minor, J.E. Passaneau, S.F. Heppelmann, C. Ng, G. Bunce and I. Mardor 349 (1994) 183
Position-sensitive fiber readout, D.C. Fries, M. Kaiser and S. Rohr 349 (1994) 197
First experimental results on new microstrip three dimensional geometry (*Letter to the Editor*), M. Lemonnier, A. Bahri, M. Bordessoule, F. Bartol, A. Labeque, Z. Liu, S. Megtert, M. Roulliay, M.F. Ravet, F. Rousseaux and J. Perrocheau 349 (1994) 274
The longitudinal coordinate from "Double Diamond" tapered cathode pad readout (*Letter to the Editor*), R. Barlow 349 (1994) 277
Particle identification in a wide dynamic range based on pulse-shape analysis with solid-state detectors (*Letter to the Editor*), G. Pausch, W. Bohne, D. Hilscher, H.-G. Ortlepp and D. Polster 349 (1994) 281
Measurement of the deuteron polarization in a large target, Spin Muon Collaboration (SMC) 349 (1994) 334
Test beam results for an upgraded forward tagger of the L3 experiment at LEP II, M. Chemarin, P. Depasse, J. Fay, M. Felcini, L. Fredj, B. Ille, F. Nessi-Tedaldi and G.F. Susinno 349 (1994) 345
Beam tests of a prototype level-1 calorimeter trigger for LHC experiments, I.P. Brawn, R.E. Carney, U. Dickow, E. Eisenhandler, N. Ellis, J. Garvey, C.N.P. Gee, A.R. Gillman, R. Hatley, M. Landon, V. Perera, S. Quinton, R.J. Staley and A.T. Watson 349 (1994) 356
Liquid ionization calorimetry with time-sampled signals, O. Benary, W. Cleland, H. Cunitz, I. Ferguson, A. Gordeev, H. Gordon, E. Kistenev, P. Kroon, M. Leltchouk, D. Lissauer, H. Ma, D. Makowiecki, A. Maslennikov, S. McCorkle, D. Onoprienko, A. Onuchin, Y. Oren, V. Panin, J.A. Parsons, V. Radeka, D. Rahm, L. Rogers, S. Rescia, J. Rutherfoord, M. Seman, W. Sippach, M. Smith, J. Sondericker III, U. Sonnadara, R. Steiner, D. Stephani, E. Stern, I. Stumer, H. Takai, H. Themann, Y. Tikhonov and W.J. Willis 349 (1994) 367
Construction and performance of an iron–scintillator hadron calorimeter with longitudinal tile configuration, F. Ariztizabal, M. Bosman, M. Cavalli-Sforza, I. Efthymiopoulos, C. Padilla, F. Teubert, R. Arsenescu, C. Blag, V. Boldea, S. Dita, Z. Ajaltouni, F. Badaud, N. Bouhemaid, P. Brette, M. Brossard, R. Chadelas, J.-C. Chevaleyre, M. Crouau, F. Daudon, J.-J. Dugne, B. Michel, G. Montarou, G.S. Muanza, D. Pallin, S. Poirot, L.-P. Says, F. Vazeille, O. Gildemeister, A. Henriques, J. Ivarsson, M. Nessi, L. Poggioli, P. Sonderegger, A. Amorim, P. Ferreira, A. Gomes, A. Maio, L. Peralta, M. David, M. Kostrikov, M. Kulagin, V. Lapin, Y. Protopopov, A. Solodkov, A. Zaitsev, R. Leitner, M. Suk, P. Tas, L. Caloba, M. Gaspar, F. Marroquin, A. Pereira, J.M. Seixas, Z. Thome and H. Hakopian 349 (1994) 384
Track reconstruction with a central two-shell scintillating fibre tracker (SFT), F. Anselmo, F. Block, L. Cifarelli, C. D'Ambrosio, T. Gys, G. La Commare, H. Leutz, M. Marino and S. Qian 349 (1994) 398
Cadmium tungstate scintillators with excellent radiation hardness and low background, M. Kobayashi, M. Ishii, Y. Usuki and H. Yahagi 349 (1994) 407
Further test and development of the micro-gap chamber, F. Angelini, R. Bellazzini, A. Brez, M.M. Massai, R. Raffo, G. Spandre, M. Spezziga and M. Bozzo 349 (1994) 412
New advances in spark detectors, J.A.C. Gonçalves, C.C. Bueno and M.D. de S. Santos 349 (1994) 418
Charge division in silicon strip detectors with a large strip pitch, W. Dabrowski, P. Grybos, M. Krammer, H. Pernegger and D. Rakoczy 349 (1994) 424
Use of aerogel for imaging Cherenkov counters, D.E. Fields, H. van Hecke, J. Boissevain, B.V. Jacak, W.E. Sondheim, J.P. Sullivan, W.J. Willis, K. Wolf, E. Noteboom, P.M. Peters and R. Burke 349 (1994) 431

Study of inclined particle tracks in micro strip gas counters, F.D. v.d. Berg, F.G. Hartjes, J. Schmitz, F. Udo, A.R. de Winter, B. Dutrieue and C. Vander Velde 349 (1994) 438
Study of timing degradation and light attenuation in long plastic scintillation rods for time-of-flight counters in relativistic heavy ion experiments, M. Kurata, S. Kato, A. Kumagai, K. Kurita, Y. Miake, S. Sato, K. Tomizawa, S. Ueno-Hayashi, K. Yagi, S. Nagamiya, T.K. Nayak, O. Vossnack, X. Yang and W. Zhan 349 (1994) 447
A new method for determining the electron-antineutrino angular correlation coefficient *a* in neutron beta decay from the spectrum of recoil protons stored in a charged particle trap, J. Byrne, P.G. Dawber and S.R. Lee 349 (1994) 454

Instruments and Methods for Nuclear Spectroscopy

A time projection chamber with microstrip read-out, T.M.V. Bootsma, A. van den Brink, A.P. de Haas, R. Kamermans, P.G. Kuijer, C.T.A.M. de Laat, G.J. van Nieuwenhuizen, R. Ostendorf, R.J.M. Snellings, C.J.W. Twenhöfel and A. Péghaire 349 (1994) 204
Development of low-energy proton detector telescopes, D.M. Moltz, J.D. Robertson, J.C. Batchelder and J. Cerny 349 (1994) 210
Light output and energy resolution of CsI, YAG, GSO, BGO and LSO scintillators for light ions, V.V. Avdeichikov, L. Bergholt, M. Guttormsen, J.E. Taylor, L. Westerberg, B. Jakobsson, W. Klamra and Yu.A. Murin 349 (1994) 216
Bolometric detection of the recoil spectrum in the alpha decay of ^{210}Po, J.W. Zhou, P. de Marcillac, G. Artzner, N. Coron, C. Goldbach, J. Leblanc, G. Nollez and H.H. Stroke 349 (1994) 225
Position sensitive scintillation detector for γ-rays using a GSO crystal (*Letter to the Editor*), Y. Nagai and T. Hyodo 349 (1994) 285
Errors arising from nuclear hyperfine interactions on lifetimes determined by the recoil distance Doppler shift method (*Letter to the Editor*), P. Petkov 349 (1994) 289
Energy resolution using delay line detectors, A. Gabriel, F. Dauvergne, H.F. Nolting and M.H.J. Koch 349 (1994) 461
Small gas proportional counters filled with an Ar–CO_2 mixture for counting of ultra-low activities of ^{37}Ar, S. Danshin, A. Kopylov and V. Yants 349 (1994) 466
Low-energy beta spectroscopy using pin diodes to monitor tritium surface contamination, W.R. Wampler and B.L. Doyle 349 (1994) 473
Determination of $^{218}Po^{+}$ ionic neutralization rates in gases, A.J. Howard and W.P. Strange 349 (1994) 481
Implementation of the Doppler broadening of a Compton-scattered photon into the EGS4 code, Y. Namito, S. Ban and H. Hirayama 349 (1994) 489
Time characteristics of a self quenching streamer in the coexistence region, H. Jiaxiang, L. Cheng, X. Zizong and C. Hongfang 349 (1994) 495
Purification of liquid xenon and impurity monitoring for a PET detector, V.Y. Chepel, M.I. Lopes, R. Ferreira Marques and A.J.P.L. Policarpo 349 (1994) 500
A probe of emission order and time delay for pairs of ejectiles in nuclear reactions (*Letter to the Editor*), C.J. Gelderloos and J.M. Alexander 349 (1994) 618

Neutron Physics

ZnS/^{6}Li scintillation material as an alternative to ^{6}Li-glass scintillators for neutron detection in time focusing geometry (*Letter to the Editor*), A. Kreyssig, K. Irmer and U. Hartung 349 (1994) 292
Calibration of a large NE213 neutron detector array, N. Olsson, P.-O. Söderman, L. Nilsson and H. Laurent . 349 (1994) 231
Systematic study of neutron production cross sections for heavy ions by intranuclear cascade-evaporation calculations, K. Shin, K. Miyahara and Y. Uwamino 349 (1994) 506
^{6}Li-doped silicate glass for thermal neutron shielding, C.A. Stone, D.H. Blackburn, D.A. Kauffman, D.C. Cranmer and I. Olmez 349 (1994) 515
An imaging plate neutron detector, N. Niimura, Y. Karasawa, I. Tanaka, J. Miyahara, K. Takahashi, H. Saito, S. Koizumi and M. Hidaka 349 (1994) 521
Slow neutron imaging using scintillating glass optical fibers, P. Ottonello, G.A. Rottigni, G. Zanella and R. Zannoni 349 (1994) 526
A compact neutron coincidence spectrometer, its measured response functions and potential applications, J.B. Czirr and G.L. Jensen 349 (1994) 532
Neutron reflectivity measurements of different nickel mirrors, R.M.A. Maayouf and V.G. Syromiatnikov 349 (1994) 540
Extension of the neutron scattering experimental simulation code MACHO, E. Saito 349 (1994) 544

Computer Automated Measurement and Control

A fully computerized and distributed VME system for control and data acquisition on the tokamak ISTTOK, C.A.F. Varandas, B.B. Carvalho, C. Correia, H. Fernandes, C. Freitas, J. Pires, J. Sousa, and J.A.C. Cabral 349 (1994) 547

Nuclear Electronics

A new 63 MHz RPC parallel readout system, T&T collaboration, V. Arena, A. Lanza, G. Liguori, P. Torre, P. Vitulo, M. Ambrosio, G.C. Barbarino, A. Lauro, G. Agnetta and O. Catalano 349 (1994) 237

Numerical and Data Analysis

Angle dispersive de-convolution of bremsstrahlung spectra from plasma, R. Friedlein and G. Zschornack . . . 349 (1994) 554

Fusion

Self focussing of the diamagnetic currents in the steady state MIGMA, A. Jain 349 (1994) 558

Fission and Nuclear Reactors

Sensitivity of self-powered detector probes to electron and gamma-ray fields, M.A. Lone, P.Y. Wong and K. Ajmani 349 (1994) 563

Dosimetry, Space Radiation and Medical Applications

Light transmissivity in the NESTOR site, E.G. Anassontzis, P. Ioannou, Chr. Kourkoumelis, L.K. Resvanis and H. Bradner 349 (1994) 242
Results from beam tests of the CAPRICE RICH detector, P. Carlson, T. Francke, S. Löfgren, N. Weber and M. Suffert 349 (1994) 577
The calibration of the absolute sensitivity of photomultiplier tubes in the High Resolution Fly's Eye Detector, D. Bird, S. Corbató, H.Y. Dai, J.W. Elbert, M. Kidd, D. Kieda, E.C. Loh, P. Sokolsky, P. Sommers, J.K. Tang, S.B. Thomas, L. Wiencke and Q. Zhu 349 (1994) 592
A computer-programmable delay-generator scheme for the TACTIC gamma-ray telescope, A.K. Tickoo, C.L. Bhat, R. Koul, I.K. Kaul, S.K. Kaul and S.R. Kaul 349 (1994) 600

Synchrotron Radiation Research

FEL radiation power available in electron storage rings, Y. Miyahara 349 (1994) 247
A high-resolution silicon drift chamber for X-ray spectroscopy, Ch. Gauthier, J. Goulon, E. Moguiline, P. Elleaume, S. Feite, Z. Gaburro, A. Longoni, E. Gatti, P. Dressler, M.O. Lampert and R. Henck 349 (1994) 258
Optimisation of a spherical grating monochromator for soft X-ray microscopy applications, W. Jark and P. Melpignano 349 (1994) 263
Excitation of Kossel patterns by synchrotron radiation, H.-J. Ullrich, M. Schlaubitz, F. Friedel, T. Spann, J. Bauch, T. Wroblewski, S. Garbe, G. Gaul, A. Knöchel, F. Lechtenberg, E. Rossmanith, G. Kumpat and G. Ulrich 349 (1994) 269
On the analysis of periodic magnetostatic systems (*Letter to the Editor*), A.V. Smirnov 349 (1994) 295
First experimental tests at the new synchrotron radiation facility ELETTRA in Trieste, A. Abrami, D. Alfè, S. Antonini, M. Bernardini, M. Bertolo, C.J. Bocchetta, D. Bulfone, F. Cargnello, F. Darclon, S. Di Fonzo, S. Fontana, A. Galimberti, M. Giannini, W. Jark, A. Massarotti, F. Mazzolini, M. Puglisi, R. Richter, A. Rindi, R. Rosei, C. Rubbia, D. Tommasini, A. Savoia, G. Viani, R.P. Walker, A. Wrulich, C. Coluzza, T. dell'Orto, F. Gozzo, G. Margaritondo, G. De Stasio, P. Perfetti, M. Gentili, M.T. Ciotti, D. Mercanti and L. Fonda 349 (1994) 609
Beam self-excited oscillation in linac buncher section, A.V. Smirnov and V.N. Smirnov 349 (1994) 614
Energy and polarization-tunable X-ray quarter-wave plates for energy dispersive absorption spectrometer (*Letter to the Editor*), C. Giles, C. Malgrange, J. Goulon, F. de Bergevin, C. Vettier, A. Fontaine, E. Dartyge and S. Pizzini 349 (1994) 622

Letters to the Editor

First experimental results on new microstrip three dimensional geometry, M. Lemonnier, A. Bahri, M. Bordessoule, F. Bartol, A. Labeque, Z. Liu, S. Megtert, M. Roulliay, M.F. Ravet, F. Rousseaux and J. Perrocheau 349 (1994) 274
The longitudinal coordinate from "Double Diamond" tapered cathode pad readout, R. Barlow 349 (1994) 277
Particle identification in a wide dynamic range based on pulse-shape analysis with solid-state detectors, G. Pausch, W. Bohne, D. Hilscher, H.-G. Ortlepp and D. Polster 349 (1994) 281
Position sensitive scintillation detector for γ-rays using a GSO crystal, Y. Nagai and T. Hyodo 349 (1994) 285
Errors arising from nuclear hyperfine interactions on lifetimes determined by the recoil distance Doppler shift method, P. Petkov 349 (1994) 289
ZnS/^{6}Li scintillation material as an alternative to ^{6}Li-glass scintillators for neutron detection in time focusing geometry, A. Kreyssig, K. Irmer and U. Hartung 349 (1994) 292
On the analysis of periodic magnetostatic systems, A.V. Smirnov 349 (1994) 295
A probe of emission order and time delay for pairs of ejectiles in nuclear reactions, C.J. Gelderloos and J.M. Alexander 349 (1994) 618
Energy and polarization-tunable X-ray quarter-wave plates for energy dispersive absorption spectrometer, C. Giles, C. Malgrange, J. Goulon, F. de Bergevin, C. Vettier, A. Fontaine, E. Dartyge and S. Pizzini 349 (1994) 622

Erratum

Erratum to "Analysis of sparsely distributed data: an application of the extended maximum-likelihood method" by Timothy Paul Smith, F.W. Hersman and Albert Zondervan [Nucl. Instr. and Meth. A 334 (1993) 537–542], T.P. Smith 349 (1994) 626